

What is claimed is:

1. A truncated Reelin protein comprising an F-spondin domain and a CR-50 recognition site of a Reelin protein but containing no repeat site.
2. The truncated Reelin protein of claim 1 which is derived from *Xenopus* or mice.
3. The truncated Reelin protein of claim 2 which is either one of the following proteins (a) or (b):
  - (a) a protein consisting of an amino acid sequence represented by SEQ ID NO: 2, or
  - (b) a protein consisting of an amino acid sequence differing from the amino acid sequence of SEQ ID NO: 2 by deletion, substitution, or addition of one or more amino acids, and having Reelin protein activity.
4. The truncated Reelin protein of claim 2 which is either one of the following proteins (a) or (b):
  - (a) a protein consisting of an amino acid sequence represented by SEQ ID NO: 4, or
  - (b) a protein consisting of an amino acid sequence differing from the amino acid sequence of SEQ ID NO: 4 by deletion, substitution, or addition of one or more amino acids, and having Reelin protein activity.
5. A DNA encoding a truncated Reelin protein comprising an F-spondin domain and a CR-50 recognition site of a Reelin protein but containing no repeat site.
6. The DNA of claim 5 which is derived from *Xenopus* or mice.
7. The DNA of claim 6 encoding either one of the following truncated Reelin proteins (a) or (b):
  - (a) a protein consisting of an amino acid sequence represented by SEQ ID NO: 2, or

- (b) a protein consisting of an amino acid sequence differing from the amino acid sequence of SEQ ID NO: 2 by deletion, substitution, or addition of one or more amino acids, and having Reelin protein activity.
8. The DNA of claim 7, which is any one of the following DNAs (a) to (c):
- (a) a DNA having a nucleotide sequence represented by SEQ ID NO: 1,
  - (b) a DNA hybridizing to a nucleic acid probe which comprises a sequence of 1456<sup>th</sup> to 2273<sup>rd</sup> nucleotide in the nucleotide sequence of SEQ ID NO: 1 under stringent conditions, and encoding a protein with Reelin protein activity, or
  - (c) a DNA having a nucleotide sequence which is a degenerate sequence of that of the DNA (a) or (b).
9. The DNA of claim 6 encoding a truncated Reelin protein which is either one of the following proteins (a) or (b):
- (a) a protein consisting of an amino acid sequence represented by SEQ ID NO: 4, or
  - (b) a protein consisting of an amino acid sequence differing from the amino acid sequence of SEQ ID NO: 4 by deletion, substitution, or addition of one or more amino acids, and having Reelin protein activity.
10. The DNA of claim 9 which is any one of the following DNAs (a) to (c):
- (a) a DNA having a nucleotide sequence represented by SEQ ID NO: 3,
  - (b) a DNA hybridizing to a nucleic acid probe which comprises a sequence of 2053<sup>rd</sup> to 2758<sup>th</sup> nucleotide in the nucleotide sequence of SEQ ID NO: 3, and encoding a protein with Reelin protein activity, or
  - (c) a DNA having a nucleotide sequence which is a degenerate sequence of that of the DNA (a) or (b).